



Applicant: Michael J. ROBT, et al. Docket No. 66396-033

Title: GRADIENT CALCULATING CAMERA BOARD Serial/Reg./Patent No. 10/624,940

Date Sent: 11/9/2004 ☒ Hand Carried ☐ Fax ☐ Electronic ☐ Cert. of Mailing ☐ First Class Mail ☐ Express Mail No.

☒ Transmittal Letter ☐ New Patent App ☐ Utility ☐ Design ☐ Cont. ☐ CIP ☐ Div. ☐ PCT ☐ RCE ☐ Prov

☐ Other: _____ pages of drawings

☐ Letter submitting _____ pages of drawings

☐ Req. for Approval of Drawing Amendments

☐ Req. for Oral Hearing

☐ Not. of Appeal ☐ Appeal Brief ☐ Reply Brief

☐ Rule 312 Amendment/Letter

☐ Req. for Acknowledgement of Cited Art

☐ Issue Fee

☐ Publication Fee

☐ Req. for Certificate of Correction

☐ Maintenance Fee for _____ years after grant

☐ Fee Address Indication Form

☐ Terminal Disclaimer

☐ Petition to Commissioner

☐ Status Inquiry

☒ Other Copy of ISR

COPY

_____ pages of Specification

_____ pages of Claims

_____ pages of Abstract

_____ pages of Formal/Informal Drawings

☐ Small Entity ☐ Large Entity

☐ Declaration/Power of Attorney

☐ Recordation of Assignment/Security Agreement

☒ Information Disclosure Statement

1 Form PTO 1449

23 copies of cited references

☐ Preliminary Amendment

☐ Response to Missing Parts Notice

☐ Resp. to Notice to Correct App. Papers

☐ Certified Copy of Priority Doc.

☐ Claim for Convention Priority

☐ Response/Amendment to Office Action of

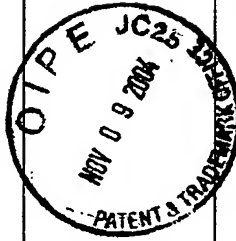
☐ Request for _____ month Extension of Time

Check for \$ _____ ☒ Charge Deposit Acct. 500417\$ 180.00

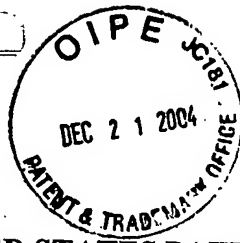
Alty Init. _____ SAB _____ Tqpr. # 4233 Secy or PL: TTGrollman

CMS Descrip.: 10 - 180

THE PATENT AND TRADEMARK OFFICE DATE STAMPED HEREON IS ACKNOWLEDGEMENT THAT THE ITEMS, CHECKED ABOVE, WERE RECEIVED BY THE PTO ON THE DATE STAMPED.



Docket No.: 66396-033



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 20277
Michael J. ROBB, et al.	:	Confirmation Number: 7690
Application No.: 10/624,940	:	Group Art Unit: 2859
Filed: July 23, 2003	:	Examiner: C. W. Fulton
For: GRADIENT CALCULATING CAMERA BOARD	:	

INFORMATION DISCLOSURE STATEMENT

COPY

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee.

**REQUEST TO CONSIDER REFERENCES AFTER CLOSE OF PROSECUTION AND
BEFORE PAYMENT OF ISSUE FEE**

The undersigned hereby requests consideration and entry of this Information Disclosure Statement and accompanying references under 37 CFR 1.97(d).

Please charge the processing fee under 1.17(p) of \$180.00 to Deposit Account 500417.

CERTIFICATION PARAGRAPH

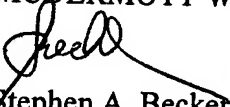
The undersigned certifies that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement as described in 37 CFR 1.97(e)(1).

Each reference, listed on the attached PTO-1449, was cited in a corresponding PCT International Search Report and its relevance discussed therein. A copy of the search report is attached for the Examiner's information.

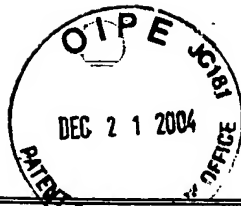
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Respectfully submitted,

MCDERMOTT WILL & EMERY LLP


Stephen A. Becker
Registration No. 26,527

600 13th Street, N.W.
Washington, DC 20005-3096
202.756.8000 SAB:tlg
Facsimile: 202.756.8087
Date: November 9, 2004



SHEET 1 OF 1

INFORMATION DISCLOSURE
CITATION IN AN
APPLICATION

(PTO-1449)

ATTY. DOCKET NO.
66396-033SERIAL NO.
10/624,940APPLICANT
Michael J. ROBB, et al.FILING DATE
July 23, 2003GROUP
2859

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ₂ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US 6,118,485	9/12/2000	Hinoue et al.	
		US 5,724,743	3/10/1998	Jackson	
		US 2002/0109112 A1	8/15/2002	Guha et al.	
		US 2002/0176605 A1	11/28/2002	Stafsudd et al.	
		US 6,252,973 B1	6/26/2001	January et al.	
		US 6,323,776 B1	11/27/2001	Jackson et al.	
		US 2002/0051216 A1	5/2/2002	Hudson et al.	
		US 2002/0050518 A1	5/2/2002	Roustaei	
		US 5,533,139	7/2/1996	Parker et al.	
		US 5,095,252	3/10/1992	Kurth	
		US			

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number 4 -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation
						Yes No
		EP 1 164 544 A1	12/19/2001	HAMAMATSU PHOTONICS K.K.		YES
		WO 95/07000	3/9/1995	KWISOFT PROGRAMS LIMITED		YES
		WO 97/42756	11/13/1997	CIMATRIX		YES

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		"IMVS-1 157 Technical Specifications" October 2002, Fastcom Technology, pp. 1-2 (XP-002279802)
		"iMVS Image Processing Basic Package", Summary, Version 1.9, December 2001, Fastcom Technology, pp. 1-12 (XP-002279803)
		"Imvs Image Compression Package", Summary, Version 1.9, Fastcom, December 2001, pp. 1-8 (XP-002279804)
		"Legend 500 Series Product Information", DVT Corporation, 2001, pp. 1-2 (XP-002279805)
		"FrameWork Product Information", DVT Corporation, November 11, 2002, pp. 1-4, (XP-002279806)
		ZUECH, N., "Are Smart Cameras Smart Enough?", Machine Vision Online, January 2001, pp. 1-4 (XP-002214185)
		LECERF A. ET AL., "Computer Vision Camera with Embedded FPGA Processing", Proceedings of SPIE, Vol. 3966, January 24, 2000, pp. 299-308 (XP-008009766)
		"BCi5 CMOS Camera Product Specification", C-Cam Technologies, November 4, 2002, pp. 1-2 (XP-002293125)
		"MachineCam Area Scan Digital Vision System Product Specification", Wintriss Engineering Corporation, 2001, pp. 1-2 (XP-002293126)
		ANDREW WILSON, "Product Focus: Embedded Chips in Advanced Cameras Boost System Operation", Vision Systems Design, December 1999, pp. 1-4 (XP-002293133)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.